

HEAT SINK INTEGRATED RETENTION SYSTEM

ABSTRACT OF THE DISCLOSURE

A heat sink assembly for a circuit board component is provided. that includes a heat sink base, a frame coupled to the base, and a cam positionable relative to the base to lock the heat sink base to the circuit board component. The frame includes an actuator that has a first post and a second post. Each post has an upper end, a lower end, and a shaft portion therebetween. The lower end includes a retention lug. A cross beam interconnects the shaft portions of the posts. The frame further includes a board lock and the cam includes a lever coupled to the cam. The cam engages the actuator to move the actuator relative to the frame from a first position to a second position to lock the heat sink base to the circuit board component. The heat sink remains in the locked position when the lever is rotated from the second position to the first position.